THE

### **PROCEEDINGS**

OF THE

# ROYAL ENTOMOLOGICAL SOCIETY

OF

## LONDON

Series A.
GENERAL ENTOMOLOGY

VOL. 11 \_13

#### LONDON:

PUBLISHED BY THE SOCIETY AND SOLD AT ITS ROOMS, 41, QUEEN'S GATE, S.W.7

PRINTED IN GREAT BRITAIN BY RICHARD CLAY & SONS, LIMITED, BUNGAY, SUFFOLK. Digitized by the Internet Archive in 2024

#### CONTENTS

ARNOLD, Dr. G., D.Sc., A.R.C.Sc. Emergence of the sexes from cocoons of the bee	PAGE
Osmia aurulenta Panz. nesting in snail-shells at Wallasey  Burt, E. T. A description of a new type of larval respiratory organ in Atrichopogon	45
trifasciatus Kieff. (Diptera, Ceratopogoninae)	61
Butler, Colin G. The occurrence of the Chalcids <i>Encarsia partenopea</i> Masi and <i>E. tricolor</i> Förster in England (Hymenoptera)	79
Buxton, Prof. P. A., F.R.E.S. Prolonged larval life of an African Stratiomyiid .	103
CARPENTER, Prof. G. D. Hale, F.R.E.S. Notes by Commander C. M. Dammers on the life-histories of two species of American Hesperhidae (Lep.)	2
CARPENTER, Prof. G. D. Hale, F.R.E.S. Pseudacraea eurytus (L.) and its models in	22
the Budongo Forest, Bunyoro, Western Uganda (Lep.)	22
coleopterous Mutilloid.	49
Carpenter, Prof. G. D. Hale, F.R.E.S. The aposematic larva of <i>Brithys pancratii</i> Cyr. distasteful to Guinea-fowl, and odoriferous white moths refused by a Galago .	51
CARPENTER, Prof. G. D. Hale, F.R.E.S. A note on the courtship of Termites .	93
ELTRINGHAM, Dr. H., F.R.S., F.R.E.S. The insect eye	115
Evans, A. G., F.R.E.S. Histolysis of muscle in the pupa of the blow-fly $Lucilia$ $sericata$ Meig	52
Evans, A. C., F.R.E.S. A note on the hibernation of <i>Micraspis sedecimpunctata</i> L. (var. 12-punctata L.), (Col. Cocc.), at Rothamsted Experimental Station	116
FITZGERALD, D. V., F.R.E.S. Nesting habits of <i>Trypoxylon</i> (Hym. Sphec.) from Trinidad	111
FLETCHER, Fleet-Paymaster T. Bainbrigge, R.N., F.R.E.S. Nymphalis polychloros L., in the south of France	61
FLETCHER, Fleet-Paymaster T. Bainbrigge, R.N., F.R.E.S. Stridulation in insects.	68
Glasgow, J. P., M.Sc. The bionomics of Hydropsyche colonica McL. and H. philpotti Till. (Trichoptera)	122
Hamilton, A. G., B.Sc., Ph.D., F.R.E.S., and Milnthorpe, W. M., B.Sc. On an	
abnormality of the eighth abdominal segment in females of <i>Locusta migratoria</i> L. (Orthoptera)	29
Hobby, B. M., M.A., D.Phil., F.R.E.S. Dragonflies and their prey	101
JOBLING, B., F.R.E.S. On the stridulation of the females of Parnassius mnemo-	
$syne \ \mathbf{L}.$	66
JORDAN, Dr. Karl, F.R.S., F.R.E.S. On some females of <i>Troides</i> (Lepidoptera) with male colouration	81
Kerrich, G. J., M.A., F.L.S., F.R.E.S. Notes on larviposition in <i>Polyblastus</i> (Hym. Ichn. Tryphoninae)	108
KEY, K. H. L., M.Sc., Ph.D., D.I.C., F.R.E.S. Rate of locomotion in relation to starvation in <i>Locusta migratoria migratorioides</i> (R. & F.) (Orthoptera)	3
KEY K H L. M Sc., Ph.D., D.I.C., F.R.E.S., and EDNEY, E. Berry, B.Sc. Pre-	
cocious adults resulting from the omission of the fifth instar in Locusta migratoria migratorioides (R. & F.)	55
LATTER, O. H., F.R.E.S. Aglais urticae (L.) attracted by lamplight after hibernation	96
Lever, R. A., B.Sc., F.L.S. Notes on <i>Euploea</i> and other Lepidoptera attracted to <i>Tournefortia</i> at Kolombangara, Solomon Islands	95

	PAGE
Longfield, Miss C. E., F.R.E.S. Larva of the White Ermine Moth swimming	21
Mansbridge, G. H., M.A., F.R.E.S. A note on the resistance to prolonged cold of some insect pests of stored products .	83
Notices of Books	
PINCHIN, R. D., B.Sc., and Anderson, Joan, M.Sc. On the nocturnal activity of TIPULINAE (Diptera) as measured by a light trap.	
(1) The time of flight and proportion of sexes	69
insects captured	75
young by a pied wagtail, on the Cam	45
POULTON, Sir Edward. Euploeine butterflies feeding at the broken surface of a Tournefortia branch, and some days later on the withered leaves of the same branch: Tulagi, Solomon Islands, 1936, R. A. Lever	94
Poulton, Sir Edward. Aglais urticae L. with symmetrical injuries possibly inflicted before hibernation, flying in house, 30 March, 1936, St. Helens, Isle of Wight.	98
Poulton, Sir Edward. Further references to termitophilous Tineid larvae of the genus Passalactis Meyr.	98
POULTON, Sir Edward. Assembles of Coccinellid beetles observed in N. Uganda (1927) by Prof. Hale Carpenter and in Bechuanaland (1935) by Dr. W. A. Lamborn	99
RICHARDS, Drs. O. W. and M. J., FF.R.E.S. The fauna of a small stream at Le Trayas, Var, France, in July-August, 1932	33
RIDLEY, H. N., F.R.S. The luminous secretion of the centipede <i>Geophilus electricus</i> (L.) as a defence against the attack of beetles, etc.	48
Sandeman, R. G. C. C., F.R.E.S. Notes on the habits of <i>Vespa vulgaris</i> and <i>V. germanica</i> (Hymenoptera)	88
Sevastopulo, D. G., F.R.E.S. The prey of house lizards ( <i>Hemidactylus</i> sp.) in Calcutta	91
Shannon, R. C. The hibernation of Nymphalis polychloros (L.) in Greece (Lepidoptera)	59
SMART, John, Ph.D., F.R.E.S. Larvae of <i>Lucilia sericata</i> Mg., from a case of aural myiasis reported from Essex (Dipt.)	1
Speyer, E. R., M.A., F.R.E.S. The genus <i>Aptinothrips</i> Haliday. Further notes on the larval and pupal stages (Thysanoptera: Terebrantia)	120
Wait, W. E. Capture of the large Papilio (Iliades) polymnestor parinda Moore, by a Paradise Flycatcher—Tchitrea paradisi paradisi L., in Ceylon	46
Wallis, H. M. A pebble-like Acridid which, when threatened, assumes a scorpion-like appearance: the "Stone-Desert," north of the Biskra Oasis	47
Wigglesworth, V. B., M.A., M.D., F.R.E.S., and Gillett, J. D., F.R.E.S. The loss of water during ecdysis in <i>Rhodnius prolixus</i> Stål (Hemiptera)	104
Williams, C. B., Sc.D., F.R.E.S. Collected records relating to insect migration: third series	6
Yokoyama, Tadao. Histological observations on a non-moulting strain of silkworm	35
Zeuner, Friedrich E., Ph.D. The prothoracic tracheal apparatus of Saltatoria (Orthoptera)	11
Zeuner, Dr. F. E. The geographical distribution of Tympanophora White	87
Index	129